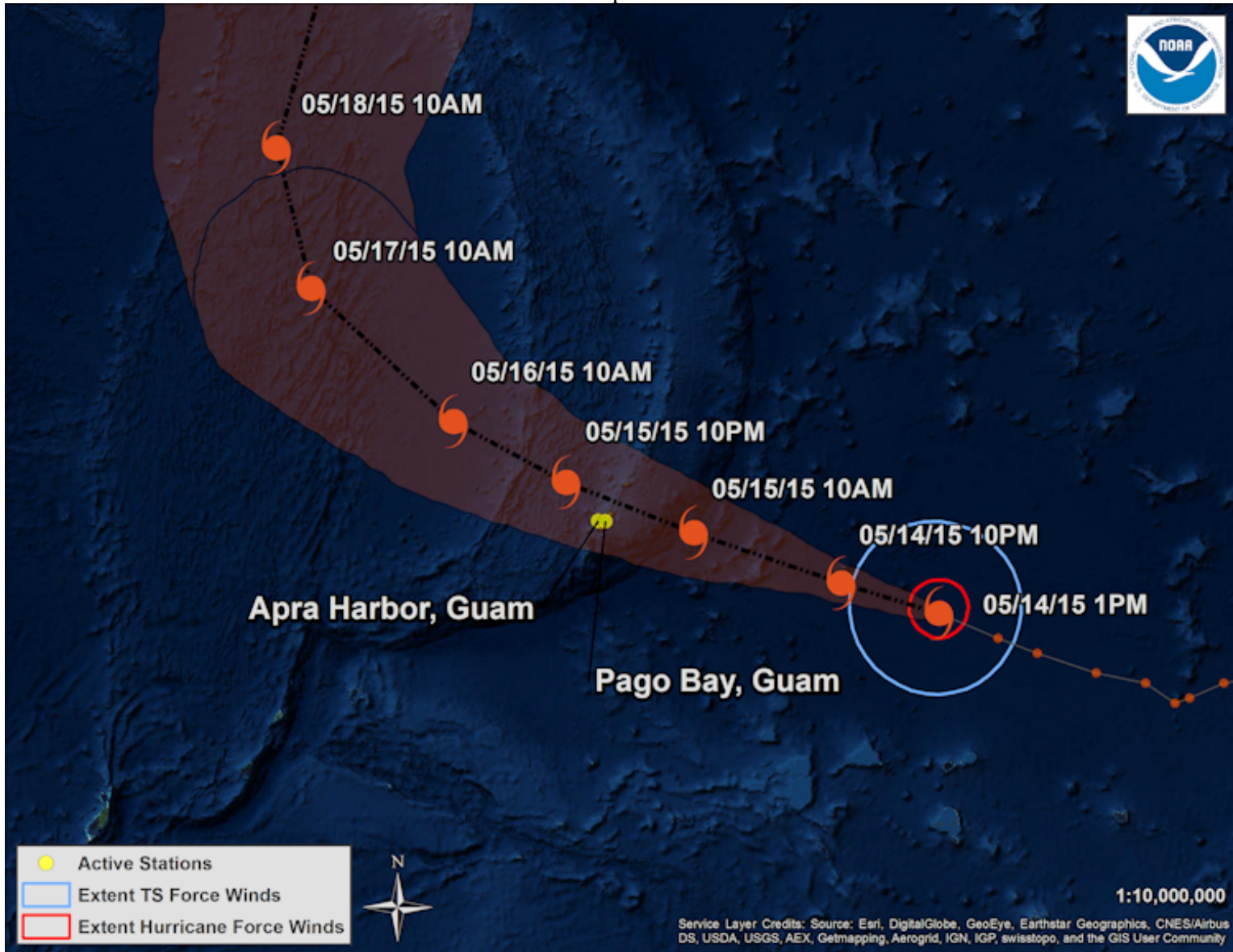




Typhoon DOLPHIN QuickLook
Posted: 14:00 ChST 05/14/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 5/14/15 14:00 ChST, water levels on the island of Guam are slightly elevated running 0.5 to 1.0 feet above tidal predictions. Winds are generally from the east with gusts as high as 20 knots. Barometric pressure has begun to slowly decrease.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High

Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the [Center for Operational Oceanographic Products & Services](#) website. For more information or archived products and reports, please see the [Storm QuickLook Homepage](#).

Analyst:CRD

SELECT NATIONAL WEATHER SERVICE WFO GUAM ADVISORY INFORMATION:

TYPHOON DOLPHIN (07W) ADVISORY NUMBER 30 NATIONAL WEATHER SERVICE TIYAN GUAM 200 PM CHST THU MAY 14 2015

...TYPHOON DOLPHIN INCREASING IN FORWARD SPEED...

CHANGES WITH THIS ADVISORY

NONE

WATCHES AND WARNINGS

A TYPHOON WARNING REMAINS IN EFFECT FOR GUAM AND ROTA. TYPHOON CONDITIONS...INCLUDING WINDS OF 74 MPH OR MORE...ARE EXPECTED WITHIN 24 HOURS. A TROPICAL STORM WARNING AND TYPHOON WATCH REMAIN IN EFFECT FOR TINIAN AND SAIPAN. TROPICAL STORM CONDITIONS...INCLUDING WINDS OF 39 TO 73 MPH...ARE EXPECTED WITHIN 24 HOURS. TYPHOON CONDITIONS ARE POSSIBLE WITHIN 24 HOURS.

SUMMARY AS OF 100 PM CHST

LOCATION...11.6N 151.6E ABOUT 480 MILES EAST-SOUTHEAST OF GUAM MAXIMUM SUSTAINED WINDS...105 MPH PRESENT MOVEMENT...WEST-NORTHWEST...295 DEGREES AT 15 MPH.

DISCUSSION AND OUTLOOK

AT 100 PM CHST THE CENTER OF TYPHOON DOLPHIN WAS LOCATED NEAR LATITUDE 11.6 NORTH AND LONGITUDE 151.6 EAST. DOLPHIN IS MOVING WEST-NORTHWEST AT 15 MPH...AND THIS GENERAL MOTION IS EXPECTED TO CONTINUE THROUGH SATURDAY. THIS FORECAST TRACK TAKES TYPHOON DOLPHIN THROUGH THE MARIANA ISLANDS BETWEEN GUAM AND ROTA FRIDAY AFTERNOON AND EVENING...BUT REMEMBER THAT SMALL VARIATIONS IN THE DIRECTION OF MOTION CAN RESULT IN LARGE VARIATIONS IN WHERE THE CENTER PASSES THROUGH THE MARIANAS. MAXIMUM SUSTAINED WINDS REMAIN NEAR 105 MPH...BUT TYPHOON DOLPHIN IS EXPECTED TO INTENSIFY SLOWLY OVER THE NEXT FEW DAYS. TYPHOON FORCE WINDS EXTEND OUTWARD UP TO 45 MILES FROM THE CENTER. TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 130 MILES NORTHWEST OF THE CENTER...AND UP TO 120 MILES ELSEWHERE.

NEXT ADVISORY

AN INTERMEDIATE ADVISORY WILL BE ISSUED BY THE NATIONAL WEATHER SERVICE AT 500 PM

Typhoon DOLPHIN QuickLook, POSTED 14:00 ChST 05/14/2015

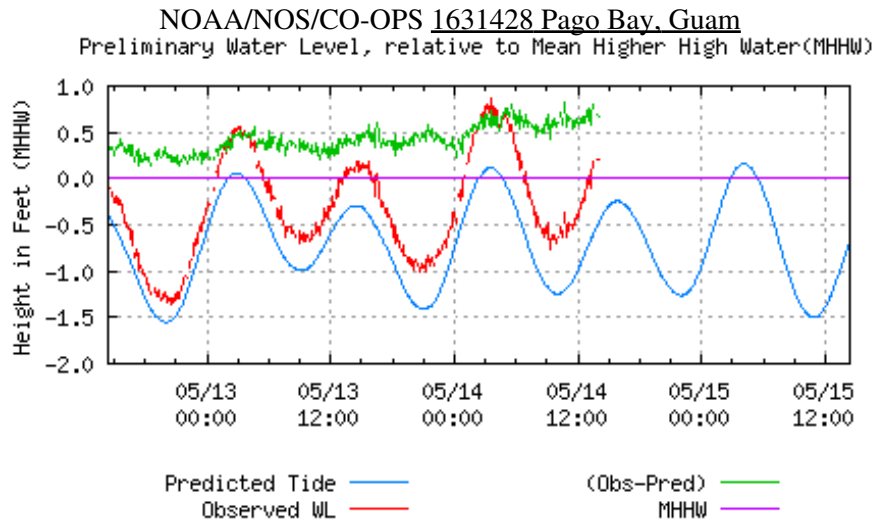
ChST THIS AFTERNOON...FOLLOWED BY THE NEXT SCHEDULED ADVISORY AT 800 PM ChST THIS EVENING.

FCSTR: MIDDLEBROOKE

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Pago Bay, Guam - Water Level](#), [Pago Pago, American Samoa - Water Level](#), [Pago Bay, Guam - Winds](#), [Pago Pago, American Samoa - Winds](#), [Pago Bay, Guam - Barometric](#), [Pago Pago, American Samoa - Barometric](#)

Typhoon DOLPHIN QuickLook, POSTED 14:00 ChST 05/14/2015

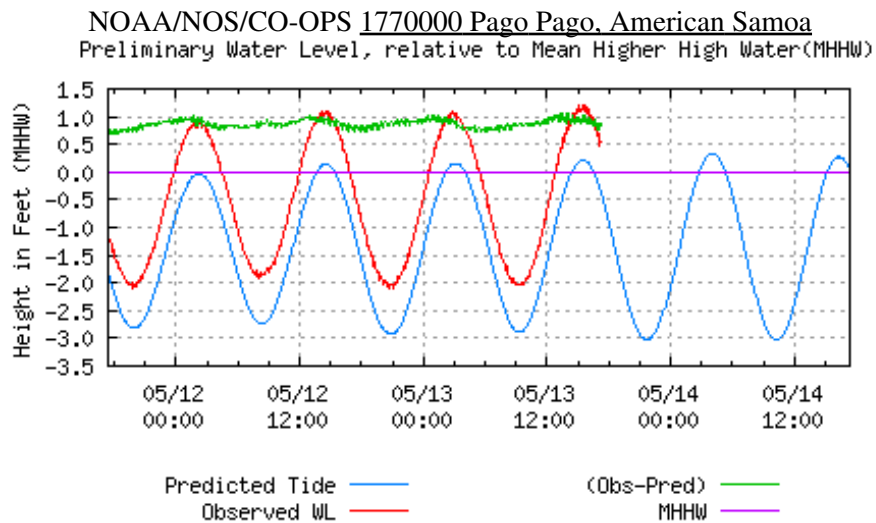


Last Observed Sample: 05/14/2015 14:00 (ChST). Data relative to MHHW

Observed: 0.21 ft. Predicted: -0.47 ft. Residual: 0.68 ft.

Historical Maximum Water Level: Oct 20 2004, 2.40 ft.

Next High Tide: 05/14/2015 15:50 (ChST), -0.25 ft.



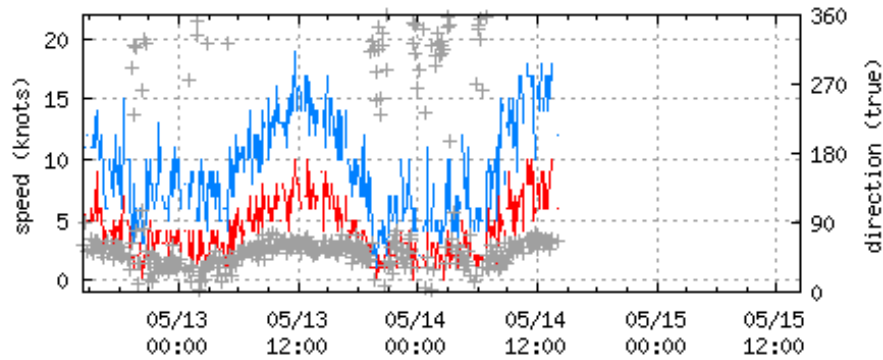
Last Observed Sample: 05/13/2015 17:12 (SST). Data relative to MHHW

Observed: 0.53 ft. Predicted: -0.36 ft. Residual: 0.89 ft.

Historical Maximum Water Level: Jan 22 2011, 1.69 ft.

Next High Tide: 05/14/2015 04:02 (SST), 0.34 ft.

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam
Wind Speed / Gusts / Direction

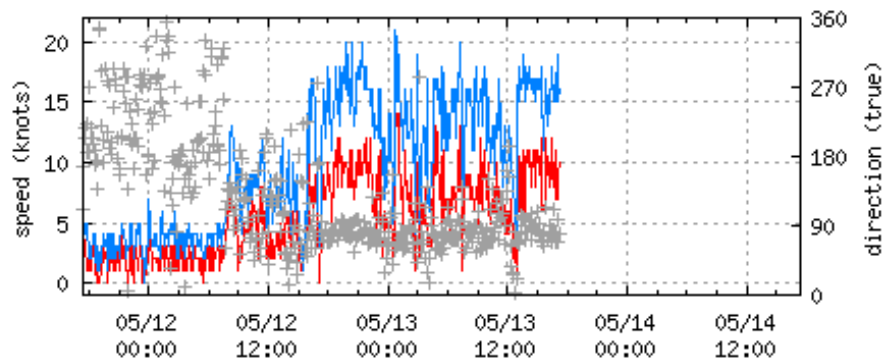


speed — gusts — direction +

Last Observed Sample: 05/14/2015 14:00 (ChST)

Wind Speed: 6 knots Gusts: 12 knots Direction: 67° T

NOAA/NOS/CO-OPS 1770000 Pago Pago, American Samoa
Wind Speed / Gusts / Direction

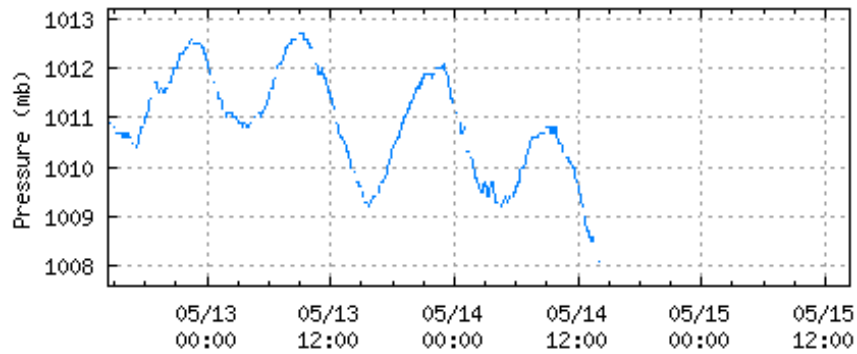


speed — gusts — direction +

Last Observed Sample: 05/13/2015 17:12 (SST)

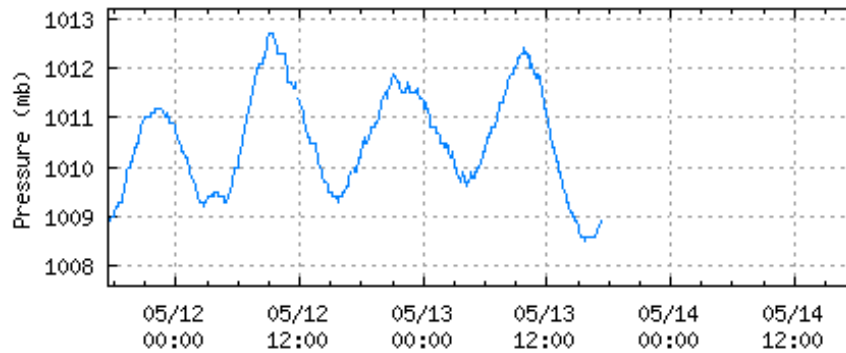
Wind Speed: 10 knots Gusts: 16 knots Direction: 80° T

NOAA/NOS/CO-OPS 1631428 Pago Bay, Guam
Barometric Pressure



barometric pressure —
Last Observed Sample: 05/14/2015 14:00 (ChST)
Barometric Pressure: 1008.1 mb

NOAA/NOS/CO-OPS 1770000 Pago Pago, American Samoa
Barometric Pressure



barometric pressure —
Last Observed Sample: 05/13/2015 17:12 (SST)
Barometric Pressure: 1008.9 mb

Typhoon DOLPHIN QuickLook, POSTED 14:00 ChST 05/14/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
1631428	Pago Bay, Guam	05/14/2015 14:00 (ChST)	0.21 ft	-0.47 ft	0.68 ft	0.86 ft
1770000	Pago Pago, American Samoa	05/13/2015 17:12 (SST)	0.53 ft	-0.36 ft	0.89 ft	1.22 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce